

Monthly Divisional Report
New Jersey State Highway Department
June 1959

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MONTHLY DIVISIONAL REPORT

Month of June

19 59

Division: Accounting & Administrative Services

Bureau: Comptroller

Bureau of Auditing & Accounting

The Comptroller attended the National Association of Accountants Conference in New York; topics of interest included "Improved Techniques for Inventory Management and Control", "Management Needs in Tomorrow's World", etc.

Chapter 107, PL 1929, Appropriation Bill was received. The Department's Divisions and Bureaus were advised of current year's appropriation and requested to prepare budget requests for 1960-61.

Meetings, with the Comptroller in attendance, were conducted with various Division and Bureau heads for the purpose of discussing Peat, Marwick & Mitchell recommendations to be instituted as operational procedure effective July 1, 1959.

Of the Peat, Marwick and Mitchell recommendations:-

An "Equipment Transfer Record form" was put in operation as of July 1, 1959. A representative from the Comptroller's office distributed these forms and explained its purpose and operation to the various foremen throughout the State. This form will enable both the Equipment Division and the Comptroller's office to know, at all times, the exact location of equipment.

A revised "Work Classification Code Controls outline" for the Maintenance and Electrical Bureaus was instituted as of July 1, 1959, for the purpose of facilitating machine analysis cost for management study, such as ordinary and extraordinary maintenance of highways, bridges, signs, accounts receivables and field stock inventory.

Approximately 3230 invoices were passed for payment for materials, supplies, estimates to contractors, right of way invoices and utility bills, together with regular bi-weekly payroll.

Warrants were drawn for 95 County and Municipal Aid payments amounting to \$709,512.77. Funds were certified on Contract, Price Agreements, Transfer forms, etc.

DUPLICATION SECTION

Cyrus Card
Cyrus Card
Comptroller

DURING THE PAST MONTH WE WERE HIT WITH SEVERAL "RUSH" JOBS CAUSED BY THE APPROACH OF THE END OF THE FISCAL YEAR. IN ORDER TO COMPLETE THESE ASSIGNMENTS IT WAS NECESSARY TO GO IN TO OVERTIME WORK FOR SOME OF THE PERSONNEL. ALL REQUIRED ASSIGNMENTS WERE COMPLETED BEFORE THE "DEADLINE".

OUR NEW ENLARGED QUARTERS HAS PROVEN TO BE QUITE SUITABLE AND ASSET NOT ONLY BECAUSE OF OUR INCREASED WORKING AREA BUT BECAUSE IT HAS ALSO BOOSTED THE MORALE OF OUR OFFICE STAFF.

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MONTHLY DIVISIONAL REPORT

Month of JUNE

19 59

Division: ACCOUNTING & ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

OFFICE SERVICES

A SURVEY WAS MADE OF OFFICE EQUIPMENT IN THE HADDONFIELD OFFICE. NEEDED FILING CABINETS WERE TRANSFERRED TO THIS OFFICE AFTER INSPECTION. FANS NOW IN USE IN HADDONFIELD WILL BE CONFISCATED AS SURPLUS WHEN THE NEW AIR-CONDITIONING SYSTEM IS EFFECTIVE AND WILL BE TRANSFERRED TO THE METUCHEN OFFICE. INSPECTION WAS MADE OF OFFICE EQUIPMENT AT THE NEWARK OFFICE. FLUORESCENT DESK LAMPS, A TYPEWRITER AND CALCULATOR NOT IN USE WERE TRANSFERRED TO THE TRENTON OFFICE.

BECAUSE OF INCREASED WORK IN THE RIGHT OF WAY DIVISION NEW INSTALLATIONS FOR ADDED TELEPHONE SERVICE WERE MADE.

A CONFERENCE WAS HELD WITH REPRESENTATIVE OF THE TELEPHONE COMPANY IN HADDONFIELD TO EVALUATE THE NEED FOR BETTER ANSWERING SERVICE FOR INCOMING CALLS FOR THE ENTIRE BUILDING. INSTALLATIONS OF TELEPHONES FOR FIELD OFFICES HAVE INCREASED DURING THE PAST FEW MONTHS.

FILES & RECORDS

DURING THE MONTH THE APPROVED DESTRUCTION REQUEST FOR THE BUREAU OF MAINTENANCE WAS ACTIVATED AND 197 CU. FT. OF MATERIAL WAS CLEARED FROM THE FILES FOR DESTRUCTION. WE ALSO EMPTIED TWO ADDITIONAL CABINETS IN THE RECORD BUILDING AND RE-ASSIGNED THESE CABINETS TO OFFICES WHERE NEEDED.

WORK WAS ALSO STARTED ON THE MODERNIZATION OF THE FILING SYSTEM IN THE BUREAU OF MAINTENANCE; THE ESTABLISHMENT OF A SUBJECT LIST AND THE RE-ORGANIZATION OF THE SYSTEM OF INDEXING.

MAILING SECTION

THE TOTAL AMOUNT OF POSTAGE FOR THE MONTH CAME TO \$2059.59 WHICH IS NOW CONSIDERED A NORMAL AMOUNT. GREATEST AMOUNTS WERE CHARGED TO THE BUREAU OF CONSTRUCTION GENERAL WITH UN-ENDING ROLLS OF BLUEPRINTS TO BE SENT OUT, THE SECRETARY'S OFFICE, AND THE PUBLIC RELATIONS BUREAU.

MAP REQUESTS WEREN'T TOO NUMEROUS DURING THE MONTH.

A SUMMER EMPLOYEE WAS ASSIGNED TO THE MAILING SECTION AND THE OFFICE IS MAKING GOOD USE OF HER SERVICES.

DUPLICATING SECTION

DURING THE PAST MONTH WE WERE HIT WITH SEVERAL "RUSH" JOBS CAUSED BY THE APPROACH OF THE END OF THE FISCAL YEAR. IN ORDER TO COMPLETE THESE ASSIGNMENTS IT WAS NECESSARY TO GO IN TO OVERTIME WORK FOR SOME OF THE PERSONNEL. ALL REQUIRED ASSIGNMENTS WERE COMPLETED BEFORE THE "DEADLINE".

OUR NEW ENLARGED QUARTERS HAS PROVEN TO BE QUITE SUITABLE AND AN ASSET NOT ONLY BECAUSE OF OUR INCREASED WORKING AREA BUT BECAUSE IT HAS ALSO BOOSTED THE MORALE OF OUR OFFICE STAFF.

MONTHLY DIVISIONAL REPORT

Month of JUNE, 1959

Division: Administration
Bureau: Purchase and Stores

The activities in the Purchase and Stores Bureau during the month of June, 1959, were mostly of a routine nature.

Bids were received June 11 on miscellaneous scrap iron and steel, Ford motors, scrap tires, used tires (casings) and one Multi-Foote paver. Sent to 86 bidders, 10 replies, 8 bids, 2 not interested at this time. Bids opened, tabulated and disposal request prepared and sent through proper channels for award of bid.

Disposal request approved and bids awarded for scrap iron, steel and paver to Harvey Cohen, Inc., Trenton; for scrap tires to Al Kay Tire Sales, Philadelphia; and for casings and Ford motors to Samuel Kravitz and Sons, Trenton. Checks of unsuccessful bidders returned.

Check for \$538.72 in payment of 25.9 tons of miscellaneous scrap iron and steel at \$20.80-net ton from Harvey Cohen, Inc., Trenton, as a result of high bid of June 11, 1959, forwarded to Cyrus Card, Comptroller.

Check for \$573.70 in payment of 177 used casings at \$3.10 and 10 Ford motors at \$2.50 from Samuel Kravitz & Sons, Trenton, as a result of high bid of June 11, forwarded to Cyrus Card, Comptroller.

Check for \$198.00 for return of 33 empty drums at \$6.00 each to Esso Standard Oil Company, Elizabeth, forwarded to Cyrus Card, Comptroller.

Invitations to bid mailed to 38 vendors for the sale of empty 5-gallon paint cans. Bids returnable July 7.

Interviewed 37 salesmen representing various concerns during the month and attended 9 meetings re departmental matters and purchases.

2 Motor Vehicle release agreements executed
10 Highway lighting reimbursement agreements executed
1 Equipment rental agreement executed

6000 (approximately) maps distributed

General correspondence, filing

Clifford Wear

Clifford Wear

Supervisor, Purchase and Stores Bureau

Barth D. Rice
Barth D. Rice
Secretary

Y DIVISIONAL REPORT

Month of June 19 59

Division: Accounting and Administrative Services
Bureau: Office of the Secretary

CONTRACTS

Bids received on twenty (20) projects and necessary reports and certificates of award prepared. Fifteen (15) contracts awarded; contracts prepared and forwarded for execution. Execution of twelve (12) contracts completed. Twenty-two (22) projects advertised for bids. Four hundred and eight (408) sets of plans and supplementary specifications distributed.

SCHEDULES OF APPROVALS

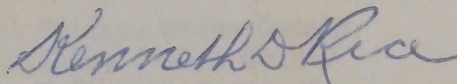
Four (4) Schedules prepared listing a total of three hundred and ninety-two (392), which by a combination of items where possible represents action on five hundred and seventeen (517) individual items. Official copies of Schedules signed by the Commissioner, placed in the Minutes Book and indexed. Schedules distributed in accordance with regulations and necessary letters concerning official actions written.

GENERAL

- 37 Standard specifications issued
- 3 Deposits made for transmittal of income
- 12 Traffic Regulations certified to the Director, Div. Motor Vehicles
- 82 Property agreements attested and processed
- 19 Agreements attested and processed
 - 1 Deed of Conveyance acknowledged and attested
 - 1 Utility Order attested and processed
- 42 Municipal Aid contracts, applications, agreements, transfers, etc. certified
- 24 Motor Vehicle license forms executed
 - 5 Lease agreements executed and processed
 - 9 Releases executed
 - 2 Motor Vehicle release agreements executed
- 10 Highway lighting reimbursement agreements executed
- 1 Equipment rental agreement executed

4000 (approximately) maps distributed

General correspondence, filing and answering telephone inquiries



Kenneth D. Rice
Secretary

SECT.
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MONTHLY DIVISIONAL REPORT

Month of June 19 59

Division: Bridge

Bureau: Bridges Under Construction

Sheet #1

% OF COMPLETION

Rt. US1:

Sec. 1	Four Structures, Lawrence Twp., Mercer County	30
2	Culvert, Lawrence Twp., Mercer County	98
3	Two Bridges & Culvert, Plainsboro, Mercer County	58
4	Rail Repairs (6 Bridges) Collard Ave.-Palisade Ave., Jersey City	100

Rt. US1&9:

Sec. 1&2	Ramp Revisions, Jersey City, Hudson County	10
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Rt. 17:

Sec. 7C	Midland Ave. Overpass, Paramus, Bergen County	97
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Rt. 18:

Sec. 2	2 Overpasses, 2 Walls, New Brunswick, Middlesex County	46
4	Englishtown Road Underpass, Madison Twp., Middlesex Co.	40

Rt. 21:

Sec. 18	Six Structures, Belleville & Nutley, Essex County	93
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Rt. 45

Sec. 1	Woodbury Creek Bridge (Redecking)	86
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Rt. 72:

Sec. 5F	Manahawkin Bay Bridge, Three Trestles, Ocean County	99
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Rt. 78:

Sec. 2E	5 Structures, Bloomsbury, Beth. & Union Twp., Hunterdon Co.	45
2F	O.P. at CRR & LVRR, Bloomsbury & Bethlehem Twp., Hunterdon Co.	31

Rt. 101:

Sec. 2A	Seven Structures, Rockaway, Morris County	99.5
2C	Eight Structures, Wharton, Morris County	94
2D	Overpass at DL&WRR, Roxbury Twp., Morris County	91

Rt. 102:

Sec. 2B	Six Bridges, Greenwich Twp., Warren-Hunterdon Counties	93
2D	Six Bridges, Greenwich & Franklin Twps., Warren-Hunterdon Co.	99

Rt. 104:

Sec. 1A-2A	East & West Viaducts over Raritan River, Middlesex-Somerset Co.	68
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Rt. 108:

Sec. 1B	Plant St. U.P. and Salem Canal Bridge, Salem County	100
2B	4 Bridges & Culvert, Haddon Heights, Camden County	99
2C	U.P. at Penn-Reading SS Lines, Bellmawr, Camden Co.	100

Rt. 202:

Sec. 3	Bridge over N.Br. Raritan River, Branchburg, Somerset Co.	95
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Rt. 208:

<u>Sec. 2</u>	Ewing Ave. O.P., Franklin Lakes, Bergen County	78
3	4 Structures, Hawthorne & Wyckoff, Passaic-Bergen Counties	92

Rt. 295:

<u>Sec. 1C</u>	9 Structures, Deptford & Westville, Camden-Gloucester Co.	16
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Scudders Falls Bridge (Substructure) over Delaware River	93
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Scudders Falls Bridge (Superstructure) over Delaware River	26
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Two Bridges on Hopewell-Woodsville Rd., Mercer-Hunterdon Co.	20
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Aqueduct Bridge over Pompton River, Lincoln Park, Morris-Passaic Co.	97
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Washington Ave. Bridge over Green Brook, Green Brook Twp., Somerset Co.	100
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Springfield Ave. Bridge over Salt Creek, New Providence, Union County	100
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MONTHLY DIVISIONAL REPORT

Month of June 1959

Division: Bridge

Bureau: Design Section Sheet #1

Rt. US 1: Underpass at Milltown Road:

Sec. Sent to Public Roads for approval.

Rt. 4: Pedestrian Overpasses at Forest Ave. & N. Hackensack:

Bids to be rec'd 7/21/59.

Rt. 4 Pkwy: Chestnut Avenue Ramp Culvert:

Bids rec'd June 17, 1959. Awarded to L. Zimmerman & Sons 6-29-59

Rt. US9: Cape May Canal Bridge:

Sec. 2 Bids received May 13, 1959. Awarded to Ole Hansen & Sons, low bidder.

Rt. 10 Underpass at Salem Street:

Sec. Plans approved for submission to Public Roads 6-18-59

Rt. 13: Lovelandtown Bridge (Sidewalks):

Sec. 1 Letting of bids on June 3, 1959. No bids rec'd.

Rt. 15: Bridge over Burnt Meadow Brook:

Sec. 1 Bids received May 20, 1959. Awarded to Whippany Constr. Co., low bidder.

Rt. 17: Century Road Overpass:

Bids to be rec'd 7-9-59

Rt. 18: Overpass at Route US 9:

Sec. 5 Sent to Public Road for approval.

Rt. 20: Interchange at Route 4:

Reviewing plans prepared by Stelling, Lord-Wood & Van Suetendael.

Rt. 21: Ten Structures:

Sec. 1C Bids to be rec'd 7-22-59

Rt. US22: Vaux Hall Road (Steps); Pedestrian Overpasses at Fairway AvenueSec. 13A 14A and Mountainside School:

Bids to be rec'd 7-21-59.

Rt. 23: Peckman Brook Bridge:

Sec. 1 Bids rec'd June 11, 1959. Awarded to D'Annunzio Bros. Inc, low bidder 6-29-59.

Rt. 35: Matawan Creek Bridge (Grid Floor-Bascule Span):

Sec. Plans being prepared.

Sec. LVRB Main Line & LVRB Spur Track at Convery Blvd:

Plans being prepared.

Sec. 12A Victory Bridge (Reconstr. of Deck)-Bids to be rec'd 7-10-59

Rt. 38: Widening 8 Structures:

Sec. 1A & 2A Bids to be rec'd 7-8-59

Rt. 46: Pedestrian Overpass, Hasbrouck Heights:

Sec. 15A Bids to be rec'd 7-21-59

Division: Bridge

Bureau: Design Section

Sheet #2

- Rt. 52: Ocean City-Somers Point (Grid Floor-Ship Channel Bridge & Radio Mast):
Bids to be rec'd 7-10-59
- Rt. 71: Culverts at Whale Pond Brook, Poplar Brook & Ocean Port Creek:
Sec. 1 Bids to be rec'd 7-1-59
Sec. 2 Timber Bulkhead at Deal Lake:
Bids to be rec'd 7-16-59
- Rt. 73: Rt. 73 over US 130, US 130 over Pennsauken Creek, Ramp A over Rt.73:
Plans being prepared.
- Rt. 78: Six Bridges:
Sec. 2G Reviewing plans prepared by Parsons, Brinckerhoff, Hall & MacDonald
- Rt. 80:
Sec. 2G Pedestrian Bridge over Ramp K, Denville: Bids rec'd 6-17-59
Awarded to L. Zimmermen & Sons, low bidder
- Sec. 2E Ten Bridges: Awarded 6-11-59, to Conduit & Foundation Corp., low bidder
- Sec. 4 Bergen-Passaic Expressway: Reviewing plans by Fay, Spofford & Thorndike.
- Sec. 5 Bergen-Passaic Expressway: Rev. plans by Parsons, Brinckerhoff, Hall & MacDonald.
- Sec. 2J 4 Bridges: Reviewing plans prepared by Louis Berger & Associates.
- Sec. 4A Bridge over Relocation Rt. 20, Passaic River & Slaughterdam Rd.
Bids to be rec'd 7-16-59.
- Rt. 95: Overpasses at Broad Ave. & Grand Avenue:
Reviewing plans prepared by Parsons, Brinckerhoff, Hall & McDonald.
- Rt. 129: 7 Structures - Delaware River to Scotch Road:
Bids to be rec'd 7-1-59.
- Rt. 168: Culvert at Sta. 112+50 - Black Horse Pike:
Plans being prepared.
- Rt. 169: Point Breeze to Constable Hook - Bridge over RR, Center St. Ramp,
Navy Footbridge and Rt. 169 over RR:
Bids rec'd 6-25-59. Awarded to J.F. Chapman & Son, low bidder 6-29-59.
- Rt. 202: Bridges at S. Branch Raritan River, CRR of NJ, LVRR, Samuels Brook,
Pleasant Run and Holland Brook:
Plans being prepared.
- Rt. 208:
Sec. 3A Pedestrian O.P. at Ethel Ave: Bids to be rec'd 7-28-59
Sec. 4 Bridges at Grandview Ave., Cedar Hill Ave.,
Russell Ave., Summit Ave. & NYS&WRR
Plans being prepared.
- Sec. 4 Six Structures: Reviewing plans prepared by Goodkind & O'Dea.
- Rt. 287: 23 Structures (Rt. 27 to Stelton Rd): Rev. plans by Madigan-Hyland.
Sec. 11 Structures (East of Stelton Rd.): Rev. plans by Madigan-Hyland.
- Sec. 1C&2B 7 Structures: Bids rec'd June 4, 1959. Awarded to Geo. M. Brewster & Son.
- Sec. 4 12 Structures: Rev. plans by Goodkind & O'Dea.
- Sec. 1B 9 Bridges: Bids to be rec'd 7-28-59

MONTHLY DIVISIONAL REPORT

Month of June, 19 59

Division: Maintenance and Operation

Bureau: Electrical Operations

FEDERAL AID INTERSTATE ROUTES

Award of contract to Lightning Electric Service Co., electrical installations, FAI Rt.80, Section 2F. Conduit, wiring and lighting layouts furnished Bridge Division, 2 bridges, FAI Rt.287, 1 bridge FAI Rt.80, 1 bridge FAI Rt.95. Lighting layouts furnished, Consultants, 3 locations FAI Rt.80.

MAINTENANCE AND OPERATIONS

33 bridges in full time operation, 6 on 24 hr. notice basis. Routine mechanical and electrical maintenance, all movable bridge, 917 traffic signals, 5 lane control systems and 887 illuminated signs. Replacement of highway lighting, traffic signals, sign equipment damaged and knocked down by traffic. Installing navigation lights, Rt.US130 Rancocas Creek Bridge. Installing electrical equipment removed from Old Rt.72 Manahawkin Bay Bridge at Rt.50 Tuckahoe River Bridge. Group relamping, signals.

CONSTRUCTION

16 traffic signals under construction, 11 completed. Revisions at 9 existing traffic signals, 2 completed. Installed fluorescent units, experimental purposes, Rt. 26 Freeway, Trenton and Fernwood Yard. Indication lights installed Rt.47 Grassy Sound Bridge. Relocating safety gates, roadway lighting, Rt. 13 Lovelandtown Canal Bridge.

DESIGN AND INSPECTION

28 signal approvals from Planning & Traffic. 8 new locations estimated. Underground plans and estimates completed, 40 new jug handles to be included in roadway plans. Award of contract to Lightning Electric Service Co., electrical installations, Rt. US1, Sections 1A,2A,3A,4,5,6 & 7. Preliminary inspection, Rt.US1 traffic signal installation. Preliminary road plans reviewed, conduit and junction box layouts, 1 location. Furnished Bridge Division conduit, wiring and lighting layouts, 1 proposed overpass, Rt. 73.

NEGOTIATIONS

7 traffic signals under negotiation, 3 completed. 4 field inspections with contacts with local officials on lighting.

CLAIMS

Payments of claims in the amount of \$11,181.98 received, 23 claims set up totaling \$5,712.69, 22 result of property damage accidents. 19 work orders set up resulting in claims totaling \$5,056, 18 result of property damage accidents.

MISCELLANEOUS

Maintenance of mobile radio communicating system, 214 mobile units and 8 base stations. Applications submitted, 8 radio licenses. Installing service and wiring, Bldg. #2, Fernwood. Completed installation, service, wiring and yard lights, 2 maintenance yards.

MONTHLY DIVISIONAL REPORT

Month of June

19 59

Division: Maintenance and Operations

Bureau: Maintenance

LANDSCAPE SECTION

In the May report it was inadvertently stated that Dapero Tree Experts, Inc. had completed work under Contracts A, B, and C for roadside chemical spray treatment and was working on Contract D, whereas the company had actually completed only the first of three applications under Contracts A, B and C and was working on Contract D. The company is now working on the second application under these contracts. Applying weed killing chemicals to joints in concrete barrier dividers throughout State. Removed 26 large dead trees and trimmed numerous others.

BRIDGE SECTION

Completed work on counterweight brackets at Tuckahoe River Bridge on Route 50, timber trestle to support span at Shark River Bridge on Route 35 at Belmar, pipe rail on Wittpenn Bridge on Route 7 at Jersey City, and removal of truck weighing scale on Route 30 at Egg Harbor. Our forces completed the painting of the Shark River Bridge on Route 35 at Belmar and two bridges on Route 166 at Toms River. J. I. Hass Company, Inc. has completed approximately 15% of the work under its contract for painting a portion of the Pulaski Skyway. Contracts awarded for painting five bridges on Routes 3, 208 and 444 and the Wittpenn Bridge on Route 7 at Jersey City; bids received on June 24 for painting four bridges on Route 1 in Trenton and five bridges and steel bulkhead in Newark, and advertisements placed for reconstruction of bridge decks on Victory Bridge on Route 35 and bridge on Route 52 over Ship Channel.

CONSTRUCTION SECTION

Completed miscellaneous construction projects totaling approximately \$24,300.00, including a drainage job on Route 30 at Absecon Highlands. Completed institutional construction projects totaling approximately \$113,000.00, including paving and drainage at the Delaware Township Armory and paving at the Annandale Reformatory.

SNOW REMOVAL

A survey has been made to determine the requirements for the 1959-1960 season. Agreements have been drawn up for the rental of two silos, in each of which can be stored rock salt reserve for an entire district. This will permit delivery in carload lots, thereby saving the Department considerable money and insuring an adequate supply of rock salt. It has been decided to discontinue furnishing Department trucks to contractors to be manned by their forces and to execute contracts with only those contractors who can furnish their own trucks. Letters have been written to the contractors who have heretofore used Department trucks advising them of this decision and inquiring whether or not they are in a position to furnish their own trucks.

On the 1st report it was inadvertently stated that between 1940-1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 26

Route 52 over Ship Channel.

1. The Commission has received information from the Department of the Interior, Bureau of Land Management, that the Bureau is currently conducting a study of the feasibility of establishing a National System of Public Lands. The Commission is interested in this study and wishes to be kept advised of its progress.

[illegible]

MONTHLY DIVISIONAL REPORT

Month of June 1959

Division: Maintenance and Operations

Bureau: Maintenance

PERMITS SECTION

Total of 316 applications processed, including 182 for road openings, 34 for erection of poles, 68 for entrances, and 32 for miscellaneous projects.

INSPECTION OF COMPLETED CONSTRUCTION PROJECTS

Inspected a total of six completed construction projects preliminary to acceptance by the Bureau of Maintenance. Three were found to be in satisfactory condition for acceptance, while three were found to require further work or corrective measures prior to acceptance.

SIGNS AND LINES SECTION

Erected Monmouth Park Race Track signs on Routes 33, 34 and 35; delineators on the new barrier curb on Route 1, from Lake Avenue to the Motor Vehicle Inspection Station, and all types of signs on new Jug Handles on Route 18 at Prospect Street and Tices Lane, Route 1 at Ford Avenue and Poor Farm Road and Route 322 west of the McKee City Circle. Painted yellow traffic lines on Route 22, F. A. I. 78, the Clinton By-Pass, and Route 42, North-South Freeway, from Walt Whitman Bridge to F. A. I. 295. Received bids on two contracts for painting outer edge traffic lines.

MATERIALS SECTION

Completed bituminous resurfacing work on Route 24, South Street, Morristown; Route 35, through Red Bank, and in six institutions, involving a total of 10,585 tons of material.

MAINTENANCE BUILDINGS AND STRUCTURES

Making study of sites on Route 22 in Somerville area for maintenance yard; made layout for acquisition of property on Route 70 at Marlton; started reconstruction of Avenel Garage by contract; work started on replacement of roof on Building No. 1 at Fernwood by contract; completed two maintenance buildings for District No. 6; started construction on conversion of field office at Bogota for Right of Way Division; developed plans and acquisitions for pole type prototype maintenance buildings; continued layout for arrangement of production facilities of Building No. 21, Sign Shop at Fernwood; continued contract construction on Route 1 at Sand Hills.

MONTHLY DIVISIONAL REPORT

Month of June 19 59

Division: Maintenance & Operation

Bureau: of Plant & Equipment

NEW EQUIPMENT

The following equipment was received during the month: 8, 2-ton Ford dump trucks; 1, International tilt-cab, stake body truck; 1, International 3/4-ton utility body truck; 1, F.W.D. 4-wheel drive truck with Fox hopper type spreader body, 2- V-plows and side wings for FWD trucks; 1, Eager Beaver stump cutter; 2, Wayne street sweepers.

SNOW PLOW SECTION

In the Snow Plow Section 12 old trucks were stripped for trade-in. Twenty-one new trucks were equipped with snow plow and spreader equipment. Four truck radiators were steam-cleaned and boiled out. The following equipment was repaired: 30 large plows; 10 sets of pipe struts; 4 trip springs; 30 hydraulic pumps and 25 hydraulic rams were repaired and painted.

GENERAL REPAIRS SHOPS

A total of 441 cars, trucks and other equipment have been repaired and assembled together with other major operations completed in the Car and Truck Shop. The Mower Shop repaired and serviced 77 tractor mowers and 2 sets of Ranger reels. A total of 103 jobs were completed in the Carburetor & Ignition Shop. Tail-lights and driving lights were repaired and installed on 69 pieces of equipment.

The Diesel Shop completed 59 service and major operations during the month in the shop and on the road. The Machine Shop completed 241 major and minor jobs during the month. The Heavy Equipment Shop finished 22 major jobs on the road and in the shop. The Carpenter Shop and Inspection Section were constantly active with regular and special assignments.

BUILDING MAINTENANCE SECTION

The following work was accomplished by this section at Fernwood Service Station: Painted front and rear overhead doors in Buildings No. 7, 8, 36; removed escape hatches from roof of Building #1; removed and installed new copper lines to main compressor; installed new smoke pipe and thimble in Blacksmith Shop; cleaned and serviced boilers and burners for inspection in Buildings No. 7 and 18.

At the Branchville Garage the following work was completed: a new chimney; new hot water tank and MacDonald water feeder and cut-off valve. At John's Diner (Field Office) louvers and window screens were installed. A new water cooler and water lines were installed at Merchantville Garage. Remodeling facilities for Field Office at Bogota for use of Division of Right of Way was begun.

TRANFIDGE W

MONTHLY DIVISIONAL REPORT

Month of June 1959

Division: PERSONNEL

Bureau:

DISTRIBUTION OF SERVICE AWARDS

Distribution of service emblems and certificates have been made to employees for the year ending December 31, 1958.

ANNUAL U. S. SAVINGS BOND DRIVE

The annual U. S. Savings Bond Drive has commenced this month. Increased participation is expected. The campaign will be concluded on or prior to July 17, 1959.

RECRUITMENT AND TRAINING

As a result of our college recruitment efforts for June, 1959 graduates, 16 young men have been employed as Assistant Engineers, Highway (Trainees). Fourteen of these men are now in the Orientation Training Program and one other is scheduled to join them on August 10. One of these recruits is an Electrical Engineer and is assigned to the Electrical Bureau. At the request of Mr. Henderson, his enrollment in the Training Program has been deferred until a later date. Several other men are under consideration, but it is not proposed to place any of those hired in the Training Program immediately. They will be assigned to work in the construction inspection area and their training period delayed until the work situation permits or until they can be replaced by one of the men completing the Training Program.

On the nine men hired earlier during the 1958-59 recruiting period, four have been assigned to Roads, Construction upon completion of the Training Program. Two other men will become available for assignment during the month of July. Two are on six-month military duty and one resigned during the Training Program.



State of New Jersey
STATE HIGHWAY DEPARTMENT
DWIGHT R. G. PALMER, COMMISSIONER
TRENTON 25

77 Reports to - Mr. Palmer
IN REPLY PLEASE REFER TO
Monthly Reports
Division of Planning,
Research, Soils and Tests

July 2nd, 1959

Commissioner Dwight R. G. Palmer

Herewith are submitted the reports of this
Division for the month of June 1959.

Planning & Traffic
Harry A. Hartmann
Assistant Supervising Engineer

Engineering Research
William VanBreemen
Research Engineer

Soils
Keith Rosser, Jr.,
Assistant District Engineer

Testing Laboratory
J. C. Reed
Supervising Engineer

Neil MacDougall
Neil MacDougall
Director and Chief Engineer
Division Planning, Research, Soils and Tests

MONTHLY DIVISIONAL REPORT

Month of June 19 59

Division: Planning, Research, Soils and Tests

Bureau: Planning and Traffic

HIGHWAY PLANNING SURVEY SECTION

During this month representatives of the Automotive Safety Foundation requested assistance by this Bureau in preparing data for their studies.

Road Reinventory

Field work consisting of new developments and reruns for Mercer County was completed during this period. Middlesex County was started to pick up missing information on developments.

"500" Series County Road Numbers

This Bureau met on April 3, 1959, with County Engineers Wagner, Kepplar and Ackerman, to review the descriptions and maps prepared by this Bureau and sent to Mr. Wagner for review and approval. Certain changes by the committee of County Engineers on this matter are to be made and upon receipt of further data from Mr. Wagner, corrections will be made before releasing copy of these descriptions and maps.

Road Life

Work on the preparation of the 1958 State Mileage Reports are underway.

Mapping

Regular assignments of mapping on the General Highway Series maps and the drafting and varityping of special reports and forms were underway.

Local Road and Statistical Studies

Current reports on Statistical Studies were completed and submitted to the Bureau of Public Roads during the month.

National Defense Bridge Study

Data is being assembled for listing of bridges on designated defense routes on State Highways.

Newark Area Transportation Study

The report for this study has been completely printed and copies are being bound. Copies will be submitted to Commissioner Palmer and State Highway Engineer Fritzsche for approval before being released.

During this month representatives of the Automotive Safety Foundation requested assistance by this Bureau in preparing data for their studies.

Public Information

Work consisting of new developments and reports for Motor County was submitted during this period. Milwaukee County was started to pick up material on developments.

Statistical Studies

This Bureau met on April 2, 1952, with County Engineers Wagner, Koppelman and ... to review the descriptions and data prepared by this Bureau and sent ... for review and approval. Certain changes by the committee of ... on this matter are to be made and upon receipt of further data ... Wagner, corrections will be made before releasing copy of these ... and maps.

Highways

Work on the preparation of the 1952 State Mileage Reports are underway.

Maps

Assessments of mapping on the General Highway Series maps and the ... and verifying of aerial reports and forms were underway.

Public Information and Statistical Studies

Statistical reports on Statistical Studies were completed and submitted to the ... of Public Roads during the month.

Public Information and Statistical Studies

As is being assembled for listing of bridges on designated defense routes ... in this category.

Public Information and Statistical Studies

The ... will be submitted to Commissioner Wagner and State Highway ... for approval before being released.

MONTHLY DIVISIONAL REPORT

Month of June

19 59

Division: Planning, Research, Soils and Tests

Bureau: Planning and Traffic

Penn-Jersey Transportation Study

Attended joint meeting of the Policy and Executive Committees on June 12, 1959. Mr. Gittens was interviewed for the position of Director of Transportation Studies. He seemed well qualified for the position and will undoubtedly be subsequently appointed.

The subject of the adoption of an organizational chart for the study was fully discussed and referred to a sub-committee for their recommendations to be submitted at the July meeting.

The entire survey area has been flown in preparation for aerial photography. Work on the Pennsylvania side is almost completed for Cronarflex reproductions. A small amount of similar work has been completed on the New Jersey side of the river. This work should be completed during July.

HIGHWAY USE SURVEY SECTIONField

In addition to the regular programmed Machine and Manual traffic counts the annual speed check at 7 stations were completed this month.

Office

In addition to the normal office functions of processing field traffic counts, Schedules and Manuals of instructions for the Annual Loadometer Survey were completed this month.

TRAFFIC DESIGN AND RESEARCH SECTION

During this month the office work time of the Section was about evenly divided between research into various aspects of traffic signal timing; and the review and estimation of traffic volumes for new construction. On June 15 seven temporary summer employees were added to the traffic research group working in the field. These temporary employees were used on a study of vehicle acceleration on grades, and on a study of the use of alternate routes.

MONTHLY DIVISIONAL REPORT

Month of June

19 59

Division: Planning, Research, Soils and Tests
Bureau: Planning and Traffic

HIGHWAY TRAFFIC OPERATIONS SECTION

During this period, the Highway Traffic Operations Section has received, investigated and processed requests for the installation, revamping, re-timing and operation of traffic signals, has received and processed miscellaneous traffic investigations and has checked the timing and operation of signalized intersections.

TRAFFIC SAFETY CONTROL AND REGULATIONS SECTION

The assignments under way by this Section consisted of operating radar speed meter for speed zone studies; laying out and processing no passing zone surveys; making traffic investigations and parking studies; preparing regulations and evaluating riparian grant applications. Also prepared charts based on accident data and analysis of highway legislation for Bureau of Public Roads.

MONTHLY DIVISIONAL REPORT

Month of June

1959

Division: Planning, Research, Soils and Tests

Bureau: Engineering Research

PAVEMENTS

Prepared report on experimental pavements on Route 21, Newark, and Route 130, Deans, involving the incorporation of welded wire fabric in a bituminous surfacing on a concrete base. In both instances the fabric has had a substantial effect on reducing reflection cracking, and in preserving the structural integrity of the surfacing.

Inspected sand-asphalt skidproofing materials on Pulaski Skyway, applied in October 1956. On an over-all basis, these materials were still in very good condition. Apparently the rate of wear is extremely slow and, barring unforeseen developments, this application should remain serviceable for at least five more years.

Made faulting survey on two 1946 concrete pavement projects on Route 22, and prepared slab layouts of both projects showing the location of the cracks, of which there are very few. (Route 28, Section 24B, and Route 28, Section 25C, constructed by the Franklin Contracting Company.) Also made faulting survey on plain concrete pavement with undowelled contraction joints, constructed in 1950 on Haddon Avenue, Westmont. This pavement is still in fairly good condition. Reported results to Projects Division.

Made crack survey of experimental section of flexible pavement on Route 130 (Route 25, Sections 10A and 11A), vicinity of Deans, and prepared drawing showing the cracks.

Inspected joint devices, reported defective, on Route 102, Section 2B, and instructed field forces regarding proper installation and basis for rejection.

BRIDGES

Took measurements and reported verbally to L. C. Petersen on the following bridges: (a) Raccoon Creek, (b) Cheesequake Creek, (c) Beach Thorofare, (d) Inland Waterway, Lovelandtown, and (e) Shark River, Route 35, Belmar. Also took measurements on bridge over Liberty Avenue, Route 22, Union, and bridge over railroad, Route 18, Old Bridge.

Made detailed analysis of behavior of bridges over (a) Raccoon Creek, (b) Inland Waterway, Lovelandtown, and (c) Shark River. At these bridges there has been a progressive inward movement of one or both abutments which, unless counteracted, will sooner or later cause binding of the drawspan. Reported results to L. C. Petersen.

MONTHLY DIVISIONAL REPORT

Month of June

19 59

Division: Planning, Research, Soils and Tests

Bureau: Soils and Subdrainage

SUBSURFACE EXPLORATION

Sixty-eight machine borings and eighty-four hand borings were made throughout the State during June. Two of the smaller projects are somewhat noteworthy.

1. The most southerly abutment of the Route 35 bridge over Shark River has apparently shown some movement and deterioration for a number of years. Since the condition has progressed to the point of spalling at the face of the abutment, the Division of Maintenance and Operations requested two borings which were made in order to determine what immediate steps should be taken to eliminate the possibility of any serious failure.

2. Forty-two rock probes were performed in a close pattern at the location of the south abutment of the Route I-78 bridge over the L.V.R.R. Test piles had shown conditions contrary to those indicated by our original machine borings.

It was found that an irregularly shaped pinnacle of dolomitic limestone rises high above the general rock elevation in the area and is so situated as to have been missed by the original borings.

A boring contract to help determine the preliminary alignment of Route 24 Freeway from the intersection of Route I-78 to a point west of Morristown was begun by the Raymond Concrete Pile Co. of New York for the consulting firm of Howard, Needles, Tammen and Bergendoff.

CONSTRUCTION

A subsurface drainage system design was recommended to the resident engineer on Route FAI 101 Section 2C.

A large amount of flowing water was encountered in an earth cut between Stations 701+00 and 709+00. Although the material at and below the elevation of the water is granular, the quantity of water is so great as to make it impossible to continue construction in the area.

The recommendation is being carried out and the grade is gradually becoming stable. It is expected that full stability will be achieved shortly after completion of the installation.

A design to correct the unstable condition on the highest slope of the recently completed Route 23 Section 9D slope stabilization project has been submitted to the engineer of maintenance. Inadequate surface and subsurface drainage installations on the upper most bench is felt to be the cause of the problem.

MONTHLY DIVISIONAL REPORT

Month of June 1959.

Division: Planning, Research, Soils and Tests

Bureau: Testing and Materials

NEW MATERIALS

Three samples of Fine Aggregate, one of Washed Gravel, two of Blast Furnace Slag and one sample of Ledge Rock were received for quality tests. Tests on a sample of Road Stone from a new source were started to determine degradation under compaction and freeze-thaw. Samples of Limestone and Trap Rock Waste are undergoing a series of tests to determine their possible usefulness as fill materials.

PERFORMANCE TESTING AND INSPECTION

Samples of Glass Fibre and Plastic Light Baffles for use on barrier curbs were received for impact, strength and weathering tests. A sample of Foamed Expansion Joint Material is under test at the request of the Bureau of Research. A sample of Mineral Filler has been put under test for quality. One project was inspected in cooperation with the Maintenance Division prior to the expiration of the contractor's Performance Bond. Two new Asphalt Plants were inspected to determine their compliance with Department Specifications. An inspection was made at the John A. Roebling's Sons plant for the procurement of samples of Prestressed Wire Rope for the Kansas State Highway Commission. A demonstration of core drilling using a Molco drilling rig with a diamond bit was observed on Route 202 Section 1-B. This equipment failed to procure full depth concrete cores from the pavement. A request has been received for the inspection of a new concrete pipe plant.

MATERIALS' DEVELOPMENT

The Thirteenth Monthly Evaluation Test for traffic test lines in the 1958 series was made and the First Monthly Evaluation of the 1959 series was made.

PERSONNEL

Four Assistant Engineer Trainees received the scheduled three weeks' training in this Bureau.

MEETINGS AND CONFERENCES

A representative attended the Sixty-Second Annual Meeting of the American Society for Testing Materials.

SPECIFICATIONS

There is being developed a specification for Yellow Traffic Paint. An alternate specification for Green Snow Fence and Fence Posts was supplied the Bureau of Purchase and Stores upon their request.

SAMPLES RECEIVED

During this month 3247 samples were received compared with 3064 during the corresponding month of 1958. The number of samples received for the first six months of this year represents a 3-1/2% increase over the number of samples received during the first six months of 1958.

MONTHLY DIVISIONAL REPORT

Month of June, 19 59

Division: RIGHT OF WAY ACQUISITION & TITLES

Bureau: Appraisals & Negotiations

The Division of Roads transmitted agreement forms covering 223 parcels, of which 61 were revisions.

GENERAL PROPERTY PARCEL MAPS

16 General Property Parcel Maps were approved as follows:

<u>Route 129 Freeway, Section 3</u>	Federal City Road to U.S. 1 showing utility easements.
<u>Route 38 (1953), Section 1</u>	Route U.S. 130 to Route 73. 9 sheets. Negotiations authorized, set up \$203,000.
<u>Route 38 (1953), Section 2</u>	Route 73 to N.J. Turnpike, 8 sheets. Negotiations authorized, set up \$158,000.
<u>Route U.S. 9 (1953), Sec. 4</u>	Ernstson Road to Route 18. 2 sheets. Negotiations authorized, set up \$55,000.
<u>Route U.S. 1 (1953), Sec. 8</u>	Main St. to Raritan River. 3 sheets. Negotiations authorized, set up \$130,000.
<u>Route 4 Parkway, Sec. 9</u>	Galloping Hill Rd. to Rt. 29. Showing Parcels W1C & W2C. Negotiations authorized, set up \$8,000.
<u>Route 17 (1953), Sec. 2</u>	From U.S. 46 to Rt. 4. Negotiations authorized, set up \$35,000.
<u>Route 17 (1953), Sec. 3</u>	Route 4 to Ridgewood Ave. Negotiations authorized, set up \$295,000.
<u>Route 20 (1953), Section 1</u>	Route 3 to Paterson Plank Road. Approved changing termini point.
<u>Route 23 (1953), Section 1</u>	Verona to Passaic County line. Negotiations authorized, set up \$1300.
<u>Route 70 (1953), Sec. 14</u>	Garden State Parkway to Herbertsville Rd. 2 sheets. Negotiations authorized, set up \$25,000.
<u>Route U.S. 1 & U.S. 9 (1953), Sec. 3</u>	Middlesex County line to Linden-Eliz. line. Negotiations authorized, set up \$7500.
<u>Route U.S. 9 (1953), Sec. 19</u>	Route 72 to West Creek. Negotiations authorized, set up \$6500.
<u>Route U.S. 130 (1953), Sec. 8</u>	Pennsauken Creek to New Albany, Cinnaminson Twp. 5 sheets. Negotiations authorized, set up \$269,000.
<u>Route U.S. 130 (1953), Sec. 9</u>	New Albany to Cooperstown Rd. 7 sheets. Negotiations authorized, set up \$233,000.
<u>Route U.S. 130 (1953), Sec. 10</u>	Cooperstown Rd. to Burlington. 3 sheets. Neg. authorized, set up \$40,000.

APPRAISALS, NEGOTIATIONS, CONDEMNATIONS, ETC.

A total of 106 items were presented to the Commissioner for action, including:

- 70 Agreements
- 18 Condemnations
 - 3 Awards
 - 5 Appeals Authorized
 - 1 Judgment Approved
 - 1 Accept Deed and Pay Consideration
 - 1 Deed of Conveyance Approved
 - 3 Buildings Sold At Public Auction
 - 2 Deposits Forfeited on "X" Parcel Sale
 - 1 Interdepartmental Agreement Approved
 - 1 Accept Title Subject To Easement

APPRAISAL ORDERS APPROVED

58 orders were approved with outside fee appraisers for a total of \$25,455.00

ESTIMATES FURNISHED

A total of 4 estimates were furnished to the Division of Roads as follows:

- 1 comparative estimate FAI 298-4, Route U.S. 202 to Town of Boonton
- 1 comparative estimate for frontage and ramp "Q" -Town of Boonton
- 1 FAI 104-4 off Intervale Rd., Boonton area, Rosenfeld property.
- 1 Route 80 from Route 46 Colombia to Route 46 Netcong.

PERSONNEL:

The following changes were made during the month of June

William H. Haugh	Employed as Right of Way Negotiator assigned to Central district.
John J. Storminger	Employed as Right of Way Negotiator assigned to central district.
Elias A. Klug	Employed as Right of Way Negotiator assigned to central district.

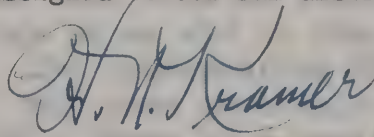

H. N. Kramer

Figure 1. The effect of the amount of water on the growth of the plants.

1. The 104th off Intervale Rd., Boonton area, Rosenfeld property.
2. Route 80 from Route 46 Colombia to Route 46 Netcong.

...ing changes were made during the month of June

H. H. KISTNER

MONTHLY DIVISIONAL REPORT

Month of June 19 59

Division: Right of Way Acquisitions & Titles

Bureau: Legal

I. STATISTICAL

Papers drawn in June

Condemnation

Complaints	-	16	
Orders to Show Cause	-	16	
Orders of Continuance	-	9	
Orders Substituting Commissioners	-	4	
Orders for Judgment and Appointing Commissioners	-	33	
Application for Appointing Guardian Ad Litem	-	1	
Order Appointing Guardian Ad Litem	-	1	
Orders Granting Compensation to Commissioners	-	1	
Reports of Commissioners	-	4	
Notices of Appeal	-	5	
Orders on Appeal	-	4	
Orders Extending Time for Filing Report	-	26	
Orders of Dismissal	-	5	
Number of Deeds approved	-	79	
Number of Titles approved	-	83	
Court Appearances	-	56	

II. GENERAL ACTIVITIES

Conference with Attorney General and conferences with various Deputy Attorneys General; preparation for court appearances and appearances in court; preparing legal briefs and memoranda; conferences in re same.

Between January 1st and June 30th we started twice as many condemnation proceedings as we did in the same period during the year 1958. The condemnation complaints filed for the first half of this year were only two less than the entire year of 1958. There is a continuing increase in these cases.

III. INTERDEPARTMENTAL SERVICES

Conferences with department heads with reference to various problems; opinion memoranda for Commissioner Palmer, department heads and employees; approving, disapproving and re-writing various legal papers and documents; recommendations for condemnation or settlement; trial preparation; brief writing and similar services.

IV. MISCELLANEOUS

Attending bidding; seeing that all necessary papers are prepared; dictating all court matters; numerous other matters which arise during the course of the month.

WJM/mmd

MONTHLY DIVISIONAL REPORT

Month of June

19 59.

Division: Right of Way Acquisition & Titles

Bureau: Title

TITLE SEARCHING

92 searches and 112 continuation searches were completed throughout the State.

TITLE EXAMINING

78 title searches were examined and Reports of Title prepared.

LEGAL INSTRUMENTS

100 Legal instruments were prepared and forwarded to the owners or their attorneys for execution.

CERTIFICATE OF TITLE

83 Certificates of Title were prepared and submitted to the Department of Law for approval.

SETTLEMENTS

91 final settlements were made with property owners.

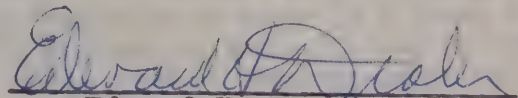
CONDEMNATIONS

17 Title Memorandums were prepared and forwarded to the Department of Law. 193 condemnation notices were served.

TITLE COMPANIES

22 deeds were delivered through the offices of title companies.

18 checks were delivered to title companies with instructions for settlement with the owners.


Edward H. Drake
Title Officer

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

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UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

MONTHLY DIVISIONAL REPORT

Month of June

19 59

Division: Roads, Design & Construction

Bureau: Location & Design

FEDERAL AID

Programming of F-114(11) Salem Street Grade Separation (R/W); NJ-I-95-6(2) Rt.I-95 New Jersey Tpke. at Rt.US 46 to including Interchange with I-80. (Prel. Engr.)

OFFICE ENGINEER

Processing Plans and Specifications for Route US 1(1953) Section 6A, Milltown Road Interchange; Route US 1 Section 8 & Route US 9 Section 4, P.R.R. to Plainfield Ave. & from Ernston Road to Perrines Underpass; Route 35 Section 12A, Convery Boulevard; Route 73 Section 2A, Route US 130 to Route 38; Route US 130 Sections 8A & 9A, Turnarounds & Island Closings; Route US 1 & 9 Sections 6A & 7A, Tonnelle Ave. Resurfacing.

INTERSTATE

I-80-1 Columbia to Netcong - Initial studies to select a line 95% complete; I-80-2 Denville Center-Construction plans for 0.7 mile of route 90% complete, to be ready for early advertising 1959-1960 program; I-80-3 Denville to Wayne-alignment studies 75% complete-preliminary review by B.P.R. has been made; I-80-4 Wayne to Garden State Parkway-First construction contract advertised-two demolition contracts in Paterson completed; Interchange at Route 23 restudied-problems of this interchange nearing solution; I-80-5 Garden State Parkway to Teaneck-approval of Hackensack River received preliminary ROW plans 80% complete for this section; I-95-Sec.1-Teaneck to G.Washington Bridge-first construction contract, sand drains completed; Preliminary ROW plans completed from Teaneck to Fort Lee; George Washington plaza area, construction plans 40% complete; I-95-Sec.2-I-80 Teaneck to Route US 46 Ridgefield Park; Preliminary studies of alignment 50% complete; Interchange studies at US 46 underway; I-78-Sec.5 Berkeley Heights to Newark Airport-Solution of interchange problems at Newark Airport nearing completion; Preliminary plans of alignment & construction detail, Berkeley Heights to Springfield 75% complete; Detailed interchange & alignment studies presented on Route 287 from Route US 22 to Pluckemin; I-280 West Orange to East Hanover-Hearing Map under preparation for early hearing; I-287-US 46 Parsippany to Montville-Plans preparation continued-Construction plans for Boonton Area 30% complete; Preliminary line studies of remainder submitted to B.P.R.

MISCELLANEOUS

Route 21-Section 5C-Newark City-Belleville line under study; Route 24 Freeway-Mendham to Springfield alignment & interchange studies under way and about 50% complete; Route 3 Hackensack River Bridge - Secaucus-waiting approval of bridge, hearing map 50% complete; Route 46 Palisades Park-construction plans for barrier curb completed and in Trenton; Route 4 Englewood-plans for resurfacing completed-to be combined with revision of Jones Road interchange 50% complete; Interchange study completed at Route 73 & Route US 130 including Haddonfield Road Separation; Construction plans on Route 73 from US 130 to Route 38 & Route 35 (Convery Blvd.) from Smith Street to N.J. Turnpike submitted for processing.

MONTHLY DIVISIONAL REPORT

Month of June

19 59

Division: Design & Construction

Bureau: Road Construction

ROUTE (1953)(1927)	SECTION	LOCATION	PERCENTAGE COMPLETED	
			June 1st.	July 1st. 59
1 & 9	1 & 2	Ramp Revisions, Grading, Paving and Bridges, Newark	11%	12%
U.S. 9	3	Drainage Improvements	0%	16%
20	3	3C&4F Crooks Ave. to Broadway; Island Closing	40%	61%
3	S3	3-D Grove Street to Passaic Avenue	95%	98%
US 46	6	7F&1P Westminster Circle to Burton Avenue	56%	78%
US 46	6	9-D Union Blvd. to Valley Road, Widening & Resurfacing	19%	35%
17	1	Belleville Turnpike to Rutherford Avenue, Kearny	0.5%	28%
18	2	Clifton Avenue to New Jersey Turnpike	16%	28%
18	3	Pine Street to 800' E. of Spring Valley Road	36%	40%
18	4	Old Bridge Circle to Pine Street	36%	36%
21	1-B	Roosevelt Avenue to Highfield Lane	51%	54%
23	15-A	Steenykill Lake to Glove Road	16%	29%
US-1	26	3 Alexander Road to State Police Barracks	29%	51%
US-1	25	6-G Construction of Turnarounds, Twps. Woodbridge & Edison	71%	87%
US-1	1	Lake Drive to N.J. Motor Vehicle Inspection Station	17%	31%
US-1	26	2 Alexander Road to Motor Vehicle Station	44%	66%
US-1	26	3C&4E State Police Barracks to Stouts Lane	67%	92%
US-1	26	4D&5C Stout's Lane to Cozzens Lane	55%	63%
18	S-28	1D&2B Old Bridge-New Brunswick Trnpg. to W. Amherst Sts., Etc.	75%	98%
29	1	From Raven Rock to Byram	0%	3%
US-30	1	Taunton Rd. to Wellington Ave., Widening & Repaving	36%	55%
US-30	2	Wellington Ave. to Bell Ave., Widening & Repaving	31%	62%
US-30	3-A	Channelized Intersection at Clements Bridge Road	0.95%	20%
37	16	Mathis Bridge to Seaside Heights	98%	98%
S-40	5-D	Hilliard to Ship Bottom; Grading & Paving	67%	82%
322	42	6-C Route 50 to McKee City, Dualization	53%	78%
(Frwy)	42	14F&15C No.-So. Freeway, Black Horse Pike to Turnerville	93%	99%
45	1	Resurfacing Roadway and Bridge Deck, City of Woodbury	0%	26%
77	46	8-A From Station 22+0 to Route 49, Bridgeton	22%	40%
80	5-A	Demolition of Bldgs. Railroad Ave. to Dunn Street	1%	80%
80	5-B	Demolition of Bldgs. Dunn Street to Queen Anne Road	8%	68%
80	5-C	Demolition of Bldgs. Queen Anne Road to Teaneck Road	8%	75%
80	101	2-A Mt. Hope-Rockaway Rd. to Rt. 46; Grag., Pavt., Bridge	83%	84%
80	101	2-C Howard Blvd. to Rt. 15; Grading, Paving, Bridges	65%	69%
101	2-D	Bridge over DL & W Railroad	76%	83%
78	102	2-B Still Valley to Central R.R. of New Jersey	49%	60%
130	1	So. Branch of Newton Creek to Klemm Avenue	0%	54%
287	104	1A&2A W. & E. Viaduct Crossing of Raritan River	71%	74%
295	108	1-B Hollywood Avenue to New Jersey Turnpike	47%	66%
295	1-C	Browning Lane to Broadway, Grading, Paving & Bridges	2%	6%
295	108	2-B Sta. 118+0 to Sta. 220+0; Boros. Haddon Heights, Barrington & Lawnside, Camden County	96%	98%
US202	2	Beechwood Drive to Huyler Road, Dualization	42%	65%
US 78	2-E	Central R.R. of N. J. to Mulhockaway Creek	19%	29%
78	2-F	*Bridges over Central R.R. of N. J. and L.V.R.R.		
202	3	Huyler Road to 700' E. of C.R.R. of N. J.	31%	58%
202	4	700' E. of C.R.R. of N.J. to Somerville Traffic Circle	26%	55%
		*Scudders Falls Br. over Delaware River (Contract #1)		

MONTHLY DIVISIONAL REPORT

Month of June 19 59

Division: Design & Construction

Bureau: Road Construction

ROUTE (1953)(1927)	SECTION	LOCATION	PERCENTAGE COMPLETED	
			June 1st.	July 1st.
208	1	1300' W. of Grandview Ave. to 1000' W. of Helena Ave.	33%	54%
208	1	1000' W. of Helena Avenue to Colonial Road	28%	44%
208	3	Goffle Road to 1300' W. of Grandview Avenue	37%	50%
		N. J. State Teachers College, Montclair, Contract #2	40%	72%
		Palisades Interstate Parkway, N. J. Sections 1U & 2S from Fort Lee Bridge Plaza to N. Y. State Line, Planting	10%	50%

* See Bridge Division Report

CONTRACTS AWARDED DURING JUNE

Route U.S. 9, Section 2, Cape May Canal Bridge & Approaches. Awarded to Ole Hansen & Sons, Inc. on June 4, 1959.

Route 80-S, Section 1 and Route 295, Section 2-G, from Route U.S. 130 to Browning Road, and from Interchange at Route 80-S, to Copley Road, Awarded to F. A. Canuso & Sons, Inc. on June 8, 1959.

Route U.S. 40(1953) Section 1 Route U.S. 322(1953) Section 2 and Decatur Avenue, Drainage in Egg Harbor Township. Awarded to D'Annunzio Bros. Inc. on June 10, 1959.

Route 3(1953) Section 1, Resurfacing from 8th St. to Route 20 in the Town of Secaucus. Awarded to Standard Bitulithic Company on June 10, 1959.

Route 20(1953) Section 1, Intersection Improvement at Paterson Plank Rd. & Moonachie Road. Awarded to Peter W. Kero, Inc. on June 11, 1959.

Route 80, Section 2-E, from Route U.S. 46 to Landing Rd. Bridges and Incidental Paving. Awarded to Conduit & Foundation Corp. on June 11, 1959.

Route 29, Section 1, from Raven Rock to Byram. Awarded to Franklin Contracting Company on June 12, 1959.

Route 287, Sections 1-C & 2-B, Weston Canal Road to and including River Road Interchange. Awarded to Geo. M. Brewster & Son, Inc. on June 16, 1959.

Route 33, Section 1, Drainage Improvements at Winslow Avenue, Mercerville. Awarded to Agabiti Brothers, Inc. on June 17, 1959.

Route U.S., Section 3-B, from 3/4 mile South of Alexander Road to State Police Barracks, Planting. Awarded to Clayton Landscape Service on June 26, 1959.

Route 23,(1953) Section 1, Bridge over Peckman Brook and Paving Bridge Approaches. Awarded to D'Annunzio Bros. Inc. on June 29, 1959.

Route 4 Parkway, Section 9-N, Ramp and Deceleration Lanes at Chestnut Street. Awarded to L. Zimmerman & Sons, Inc. on June 29, 1959.

MONTHLY DIVISIONAL REPORT

Month of June

1959

Division: Design & Construction

Bureau: Road Construction

CONTRACTS ACCEPTED DURING JUNE

Route U.S. 1 & 9, Sections 2-C, Channelization of Traffic Circle at Route 3.
Accepted June 17, 1959.

Route 29, Section 4-N, Drainage in the Vicinity of Glenside Avenue. Accepted
June 17, 1959.

Route 27, Section 8-A, Widening and bridge reconstruction, Albermarle Street
to Plainfield Avenue. Accepted June 18, 1959.

Route 102, (1953) Section 2-A, Grading, Paving and Bridges from Clinton Farms
to Route 69 Interchange. Accepted June 24, 1959.

Route 10, Sections 3-A, 1-A, 2-A, from Whippany to Morehousetown, Widening,
Turnarounds and Drainage. Accepted June 26, 1959.

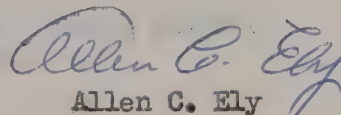
GENERAL NOTES

During the past month five (5) projects were accepted and twelve (12) were awarded. As anyone should understand, the personnel problem which was prophesied two years ago has arrived. If quality production is to be had, personnel and equipment requirements will have to be met. We are now in need of approximately 100 men in various categories to maintain present inspection services.

As of July 1, 1959, the active contracts amount to \$75,000,000., a matter of 62 projects covered by 167 men.

In addition some 20 projects are advertised for the month of July.

Everything is being done for the safety of holiday traffic, and for the convenience of the normal daily traveling public consistent with construction methods.



Allen C. Ely
Supervising Engineer, Bureau of Road Construction

Page 10

UNITED STATES DEPARTMENT OF THE ARMY
ENGINEER REGIMENT, 100th
FORT MONMOUTH, NEW JERSEY

RECONSTRUCTION OF BRIDGE

1. Channelization of Traffic Circle at Route 3.
2. Widening and bridge reconstruction, Alhambra Street
in the vicinity of Glenade Avenue. Accepted
June 17, 1959.
3. Widening and bridge reconstruction, Alhambra Street
in the vicinity of Glenade Avenue. Accepted
June 17, 1959.
4. Widening and bridge reconstruction, Alhambra Street
in the vicinity of Glenade Avenue. Accepted
June 17, 1959.
5. Widening and bridge reconstruction, Alhambra Street
in the vicinity of Glenade Avenue. Accepted
June 17, 1959.

During the past month five (5) projects were accepted and twelve (12) were
rejected. As you are already aware, the personnel problem which was
mentioned two years ago has arrived. If quality protection is to be had,
and equipment requirements will have to be met. We are now in
a position to accept projects.

As of July 1, 1959, the active contracts amount to \$2,000,000, a matter
of 62 projects covered by 107 men.

In addition some 20 projects are advertised for the month of July.

Nothing is being done for the safety of holiday traffic, and for the
sake of the normal daily traveling public constant with construction.

Very truly yours,
[Signature]

MONTHLY DIVISIONAL REPORT

Month of **June**19 **59**

Division: Roads, Location and Design

Bureau: Federal Aid Secondary

PLANS

Checking plans for the following projects:

Haddon Avenue, Camden County, S132(3)

Landis Avenue, Cumberland County, S242(1)

PREPARING SPECIFICATIONS

Haddon Avenue, Camden County, S132(3)

PROJECTS ADVERTISED

Route #169, Sec. 1 (State Project) S240(1)

Phillipsburg-Belvidere Road, Warren County, S228(2) (Readvertisement)

BIDS RECEIVED

Moonachie Avenue, Bergen County, S236(1)-(all bids rejected)

Route 169, Sec. 1 (State Project) S240(1)

Fort Mott Road, Salem County, S243(1)

CONTRACTS AWARDED

Route #169, Sec. 1 (State Project) S240(1)

Fort Mott Road, Salem County, S243(1)

PROJECTS ACCEPTED AS COMPLETE

Old Hook Road, Bergen County, S1(2)

South Olden Avenue Extension, Mercer County, DS130(5)

Church Street, Camden County, DS233(1)

MISCELLANEOUS

Reviewing plans for proposed construction as requested by the various Counties, checking As Built Plans for Final Payments, preparing agreements between County and State for Federal Aid Secondary Projects and preparing Final Estimates, etc. on completed projects. Also preparing Final Vouchers on completed projects, making Final Inspections, etc.. Received Final Payment from Federal Government on F.A.S. Projects.

king plans for the following projects:

MONTHLY DIVISIONAL REPORT

Month of June

1959

Division: State Aid

Bureau:

GENERAL

Continued good weather through June is reflected in increased rate of work. The 1959 maintenance and repair program and also construction program are considerably advanced.

COUNTIES

Maintenance and repair program in counties has continued at a high rate, surface treatment work is completed in several counties. Items requiring office processing; 22 received, 28 processed.

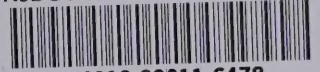
MUNICIPALITIES

Maintenance and repair as well as construction programs are very well advanced. If good weather continues the maintenance and repair program will be completed at an early date. Items requiring office processing; 292 received, 347 processed.

PERSONNEL

Because of the accelerated rate of work field personnel shortage is acute. Multiple assignments are the rule throughout the State.

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